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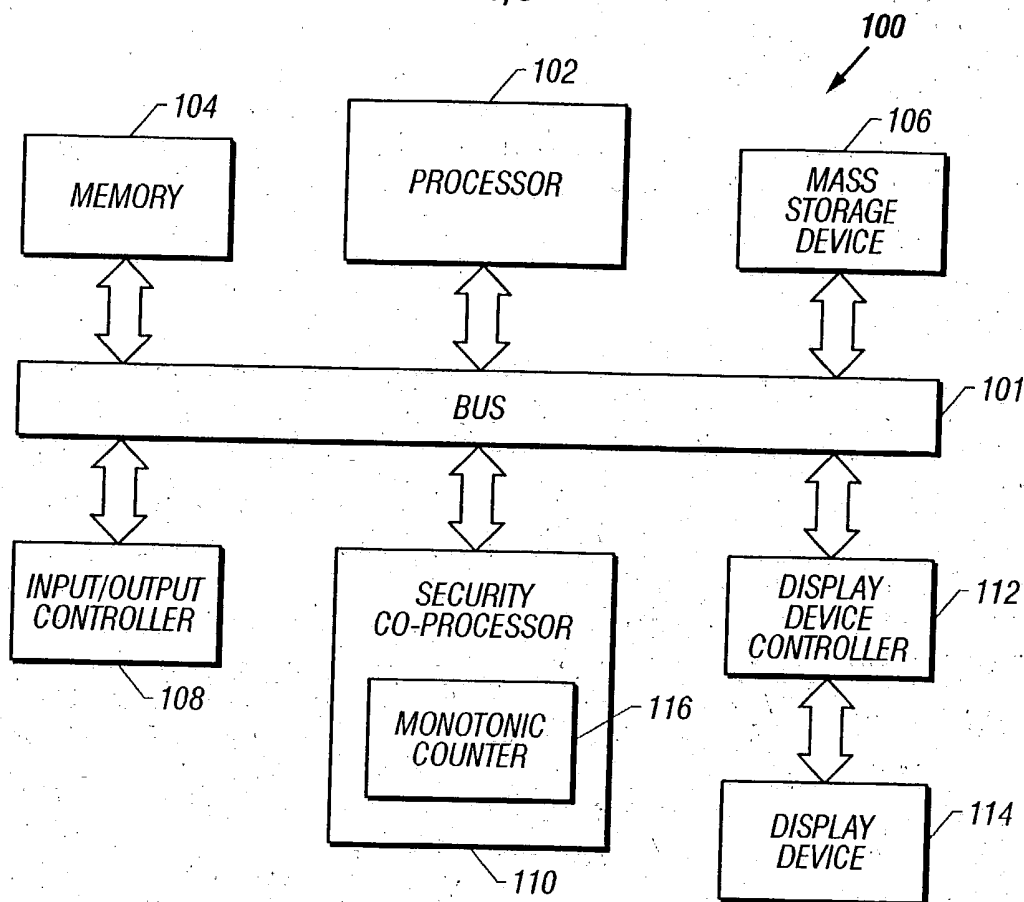


FIG. 1

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DIGIT COUNTER 22

COUNT VALUE	DIGIT N		DIGIT 2	DIGIT 1
0	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
1	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
2	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
3	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
4	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
5	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
6	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
7	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
8	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
9	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
10	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
11	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
$10^N - 1$	1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1

FIG. 2

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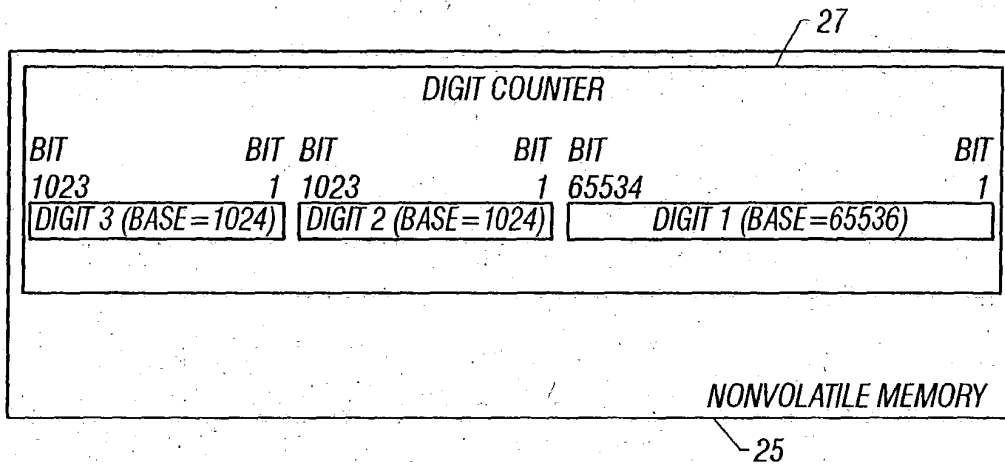


FIG. 3

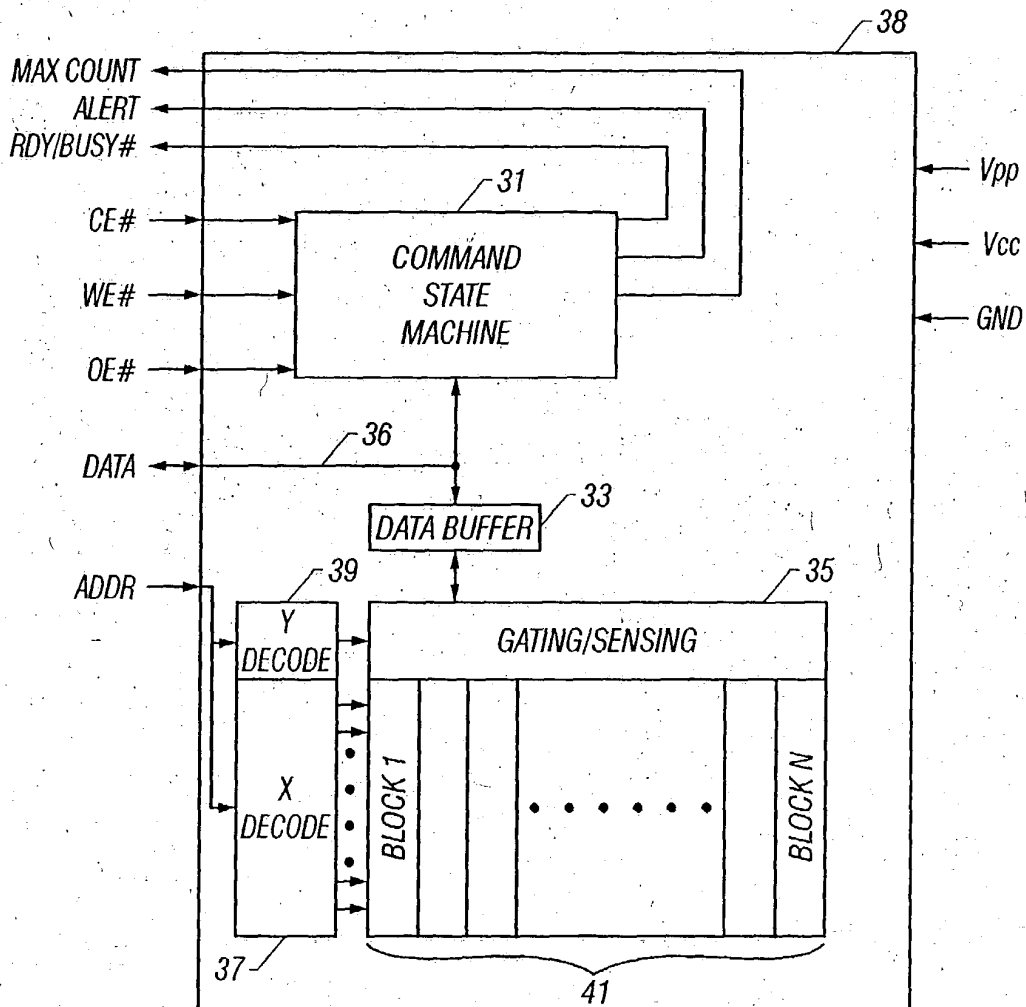


FIG. 4

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COMMAND	FIRST BUS CYCLE		SECOND BUS CYCLE		THIRD BUS CYCLE	
	OPER	ADDR	OPER	ADDR	OPER	ADDR
READ ARRAY	WRITE	X	READ	AA	—	—
READ STATUS	WRITE	X	READ	X	—	—
CLEAR STATUS	WRITE	X	—	—	—	—
PROGRAM	WRITE	X	WRITE	AA	—	—
BLOCK ERASE	WRITE	X	WRITE	BA	—	—
INCREMENT	WRITE	X	—	—	—	—
COUNTER SETUP	WRITE	X	WRITE	BA	WRITE	BA
						DB(2)
						...

LEGEND

AA = ARRAY ADDRESS
AD = ARRAY DATA
BA = BLOCK ADDRESS
DB = DIGIT BASE
ST = STATUS
WD = WRITE DATA

61
62

FIG. 5

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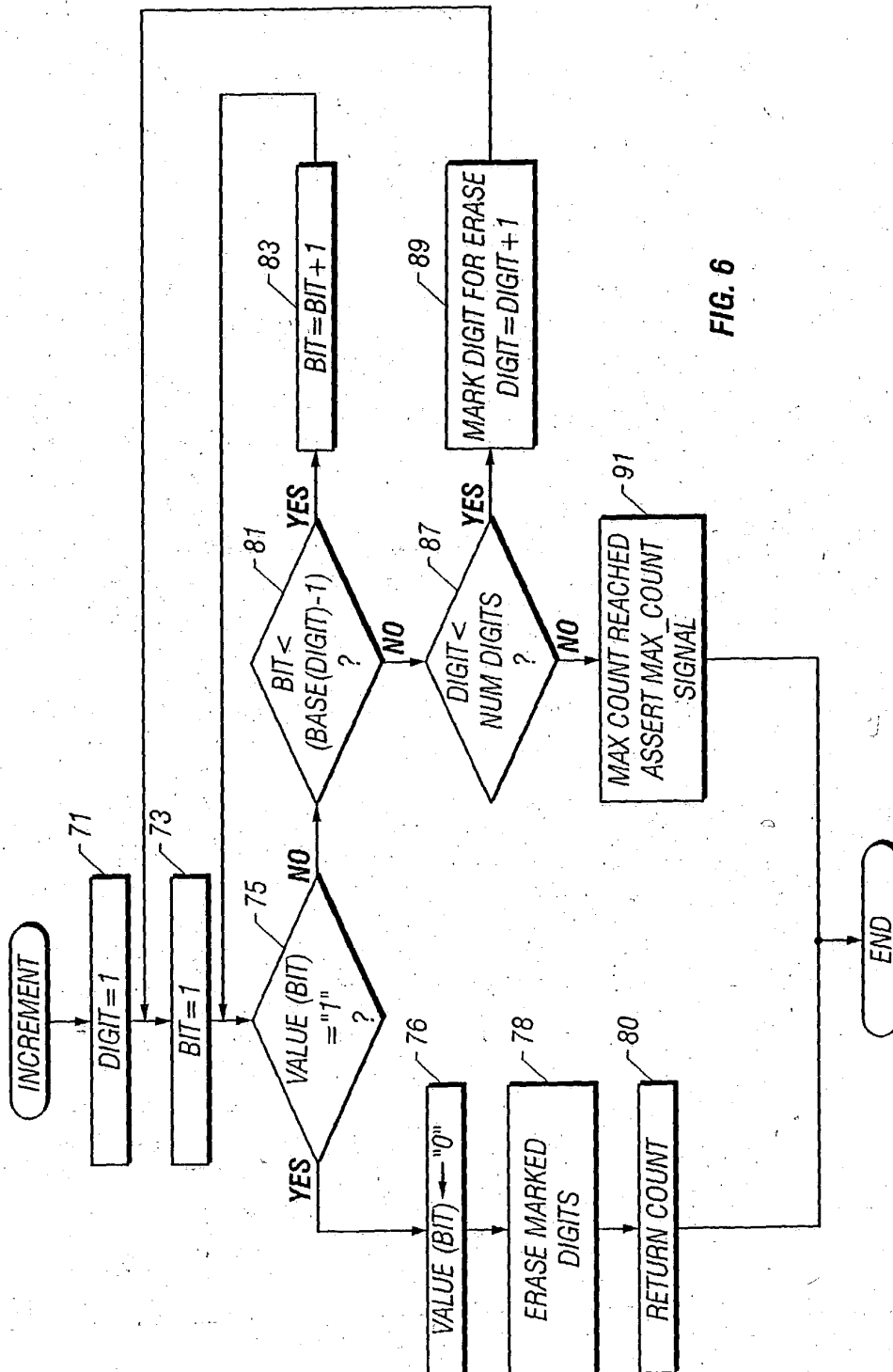


FIG. 6